Classification   Comparison   Comparison   Classification   Classificati	FORM DTO 1505 (0.4-114-1)	7-09-1998	Docket No. 54000/PJP	
To the Honorable Commissioner of Patents and Tradema 1. Name of conveying party(les) Douglas A Lappi and Rorald G. Wiley    Additional name(s) of conveying party(les) attached?   Yes   No   Name: Advanced   Additional name(s) of conveying party(les) attached?   Yes   No   Nature of Conveyance:	FORM PTO-1595 (Substitute)  1-31-92 P    1-31-92 P	B     B		
1. Name of conveying party(les) Douglas A. Lappi and Ronald G. Wiley  Additional name(s) of conveying party(les) attached?				
Additional name(s) of conveying party(ies) attached?				
Additional name(s) of conveying party(ies) attached?	Douglas A. Lappi and Ronald G. Wiley		S CEED O V LEED !! !!!	
Additional name(s) of conveying party(ies) attached?			terns, inc.	
3. Nature of Conveyance:    Assignment	Additional according to the Control of the Control	Internal Address:		
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Assignment	3. Nature of Conveyance:	Street Address: 1600 Faradov /	Avenue	
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Additional name(s) & address(es) attached?	Понт			
Execution Date: June 16, 1998 and June 18, 1998  4. Application number(s) or patent number(s):  If this document is being filed together with a new application, the execution date of the application is:  A. Patent Application No.(s)  U.S. Serial No. 08/920,194, filed August 25, 1997  Additional numbers attached?  Additional numbers attached?  S. Name and address of party to whom correspondence concerning document should be mailed:  Name: Peter J. Phillips, Esq. Internal Address:  To that fee (37 CFR 3.41):\$ 40,00   Enclosed  Authorized to be charged to deposit account number:  3.33125  Attach duplicate copy of this page if paying by deposit account)  Po NOT USE THIS SPACE  9. Statement and signature.  To the best of my knowledge and belief, the foregoing information is true and correct and any attached copy is a true copy of the original document.  Peter J. Phillips  Name of Person Signing  Name of Person Signing  Name of Person Signing  Total Number of pages comprising cover sheet:	Other	Additional name(s) & address(es)	attached? Tyes X No	
If this document is being filed together with a new application, the execution date of the application is:  A. Patent Application No.(s)  U.S. Serial No. 08/920,194, filed August 25, 1997  Additional numbers attached?  Additional numbers attached?  Name and address of party to whom correspondence concerning document should be mailed:  Name: Peter J. Phillips, Esq.  Internal Address:  City: New York State: NY ZIP 10036  To Not Use This SPACE  9. Statement and signature.  To the best of my knowledge and belief, the foregoing information is true and correct and any attached copy is a true copy of the original document.  Peter J. Phillips Name of Person Signing  Name of Person Signing  Total Number of pages comprising cover sheet:  Total Number of pages comprising cover sheet:  3  Comparation of Person Signing  Total Number of pages comprising cover sheet:  Total Number of pages comprising cover sheet:  Attach duplicate copy of this page if paying by deposit account)  Peter J. Phillips Name of Person Signing  Total Number of pages comprising cover sheet:  Total Number of pages comprising cover sheet:  Attach duplications and patents involved:  Attach duplications and patents involved:  Attach duplication copy of this page if paying by deposit account)  B. Patent No.(s)  Additional numbers  Additional numbers attached?  Attach duplications and patents involved:  B. Deposit account number:  O3-3125  Attach duplicate copy of this page if paying by deposit account)  B. Deposit account number:  O3-3125  Attach duplicate copy of this page if paying by deposit account)  B. Deposit account number:  O3-3125  Attach duplicate copy of this page if paying by deposit account)  To the best of my knowledge and belief, the foregoing information is true and correct and any attached copy is a true copy of the original document.  Peter J. Phillips  Date  Total Number of pages comprising cover sheet:  Attach duplicate copy of this page if paying by deposit account)	Execution Date: June 16, 1998 and June 18, 1998		2.25/16d.	
If this document is being filed together with a new application, the execution date of the application is:  A. Patent Application No.(s)  U.S. Serial No. 08/920,194, filed August 25, 1997  Additional numbers attached?  Additional numbers attached?  Name and address of party to whom correspondence concerning document should be mailed:  Name: Peter J. Phillips, Esq.  Internal Address:  City: New York State: NY ZIP 10036  To Not Use This SPACE  9. Statement and signature.  To the best of my knowledge and belief, the foregoing information is true and correct and any attached copy is a true copy of the original document.  Peter J. Phillips Name of Person Signing  Name of Person Signing  Total Number of pages comprising cover sheet:  Total Number of pages comprising cover sheet:  3  Comparation of Person Signing  Total Number of pages comprising cover sheet:  Total Number of pages comprising cover sheet:  Attach duplicate copy of this page if paying by deposit account)  Peter J. Phillips Name of Person Signing  Total Number of pages comprising cover sheet:  Total Number of pages comprising cover sheet:  Attach duplications and patents involved:  Attach duplications and patents involved:  Attach duplication copy of this page if paying by deposit account)  B. Patent No.(s)  Additional numbers  Additional numbers attached?  Attach duplications and patents involved:  B. Deposit account number:  O3-3125  Attach duplicate copy of this page if paying by deposit account)  B. Deposit account number:  O3-3125  Attach duplicate copy of this page if paying by deposit account)  B. Deposit account number:  O3-3125  Attach duplicate copy of this page if paying by deposit account)  To the best of my knowledge and belief, the foregoing information is true and correct and any attached copy is a true copy of the original document.  Peter J. Phillips  Date  Total Number of pages comprising cover sheet:  Attach duplicate copy of this page if paying by deposit account)	Application number(s) or patent number(s):			
A. Patent Application No.(s)  U.S. Serial No. 08/920,194, filed August 25, 1997  Additional numbers attached?  I. Yes No.  Name and address of party to whom correspondence concerning document should be mailed:  Name:Peter J. Phillips,Esq				
U.S. Serial No. 08/920,194, filed August 25, 1997  Additional numbers attached?  Yes  No  5. Name and address of party to whom correspondence concerning document should be mailed:  Name:Peter J. Phillips, Esq. Internal Address:				
Additional numbers attached? Yes No  5. Name and address of party to whom correspondence concerning document should be mailed:  Name: Peter J. Phillips, Esq. Internal Address: Cooper & Dunham LLP 1185 Avenue of the Americas  City: New York State: NY ZIP 10036  To the best of my knowledge and belief, original document.  Peter J. Phillips Name of Person Signing  To the peter J. Phillips Name of Person Signing  To tal Number of applications and patents involved:   Authorized to be charged to deposit account  8. Deposit account number: 03-3125 (Attach duplicate copy of this page if paying by deposit account)  DO NOT USE THIS SPACE  9. Statement and signature.  To the best of my knowledge and belief, the foregoing information is true and correct and any attached copy is a true copy of the original document.  Peter J. Phillips Name of Person Signing  Thereby certify that this paper is being deposited this date with the U.S. Postal Service as first class mail addressed to: Commissioner of Patents and Trademarks, Wasshard 19231.  (23/98) Peter J. Phillips Date  Commissioner of Patents and Trademarks, Wasshard 19231.  (23/98) Peter J. Phillips Date  Commissioner of Patents and Trademarks, Wasshard 19231.  (23/98) Peter J. Phillips Date  Commissioner of Patents and Trademarks, Wasshard 19231.  (23/98) Peter J. Phillips Date  Commissioner of Patents and Trademarks, Wasshard 19231.  (23/98) Peter J. Phillips Date  Commissioner of Patents and Trademarks, Wasshard 19231.  (23/98) Peter J. Phillips Date  Commissioner of Patents and Trademarks, Wasshard 19231.  (23/98) Peter J. Phillips Date  Commissioner of Patents and Trademarks, Wasshard 19231.  (23/98) Peter J. Phillips Date  Commissioner of Patents and Trademarks, Wasshard 19231.		Di 1 dioni 110.(0)		
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9. Statement and signature.  To the best of my knowledge and belief, the foregoing information is true and correct and any attached copy is a true copy of the original document.  Peter J. Phillips Name of Person Signing  I hereby certify that this paper is being deposited this date with the U.S. Postal Service as first class mail addressed to: Commissioner of Patents and Trademarks, Washington 10, 20231.  Washington 10, 20231.  Peter J. Phillips Date  Registration 29,691  OMB No. 0651-0011 (exp. 4/94)	City: New York State: NY ZIP 10036		ue if paying by deposit account)	
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OMB No. 0651-0011 (exp. 4/94)  Peter J. Phillips  Peter J. Phillips  Name of Person Signing  Signature  Signature  Signature  June 23, 1998  Date  Total Number of pages comprising cover sheet:  Total Number of pages comprising cover sheet:  Total Number of pages comprising cover sheet:  Service as first class mail addressed to:  Commissioner of Patents and Trademarks,  Washing C. 23/98  Peter J. Phillips  Date  Registration 29,691	9. Statement and signature.			
Peter J. Phillips Name of Person Signing  Thereby certify that this paper is being deposited this date with the U.S. Postal Service as first class mail addressed to:  Commissioner of Patents and Trademarks, Washington, C. 23/98  Peter J. Phillips  Registration 29,691  Date  OMB No. 0651-0011 (exp. 4/94)	To the best of my knowledge and belief, the foregoing information	n is true and correct and any attact	hed copy is a true copy of the	
Name of Person Signing  Signature  Date  Total Number of pages comprising cover sheet:  Service as first class mail addressed to: Commissioner of Patents and Trademarks, Wash folion  Peter J. Phillips  Registration 29,691  OMB No. 0651-0011 (exp. 4/94)	original document.	00 00 -		
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deposited this date with the U.S. Postal Service as first class mail addressed to: Commissioner of Patents and Trademarks, Washington 1. Phillips Peter J. Phillips Registration 29,691  OMB No. 0651-0011 (exp. 4/94)		,	Date	
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## **ASSIGNMENT**

In consideration of One Dollar (\$1.00), and other good and valuable considerations, the receipt of which is hereby acknowledged, we, the undersigned,

Douglas A. Lappi and Ronald G. Wiley residing at 12842 Caminito de las Olas, Del Mar, CA 92014 and 6436 Cloverbrook Drive, Brentwood, TN 37027 respectively;

Hereby sell, assign and transfer to ADVANCED TARGETING SYSTEMS, INC., a corporation of the United States of America, having a place of business at 1600 Faraday Avenue in the County of Carlsbad and State of California, 92008 its successors, assigns and legal representatives, the entire right, title and interest for all countries, in and to any and all inventions which are disclosed and claimed, and any and all inventions which are disclosed but not claimed, in the application for United States Patent, Serial No. 08/920,197, filed August 25, 1997 and is entitled

## A METHOD OF DELIVERING ACTIVE BIOMOLECULES TO THE INTERIOR TRANSPORTER EXPRESSING CELLS

and in and to said application and all divisional, continuing, substitute, renewal, reissue, and all other applications for U.S. Letters Patent or other related property rights in any and all foreign countries which have been or shall be filed on any of said inventions disclosed in said application; and in and to all original and reissued patents or related foreign documents which have been or shall be issued on said inventions;

Authorize and request the Commissioner of Patents of the United States to issue to said Assignee, the corporation above named, its successors, assigns and legal representatives, in accordance with this assignment, any and all United States Letters Patent on said inventions or any of them disclosed in said application;

Agree that said Assignee may apply for and receive foreign Letters Patent or rights of any other kind for said inventions, or any of them; and may claim, in applications for said foreign Letters Patent or other rights, the priority of the aforesaid United States patent application under the provisions of the International Convention of 1883 and later modifications thereof, under the Patent REEL: 9284 FRAME: 0772

Cooperation Treaty, under the European Patent Convention or under any other available international agreement; and that, when requested, without charge to, but at the expense of, said Assignee, its successors, assigns and legal representatives, to carry out in good faith the intent and purpose of this assignment, the undersigned or the undersigned's executors or administrators will for the United States and all foreign countries, execute all divisional, continuing, substitute, renewal, reissue, and all other patent applications or other documents on any and all said inventions; execute all rightful oaths, assignments, powers of attorney and other papers; communicate to said Assignee, its successors, assigns and representatives, all facts known and documents available to the undersigned relating to said inventions and the history thereof; testify in all legal proceedings; and generally do everything possible which said Assignee, its successors, assigns or representatives shall consider desirable for aiding in securing, maintaining and enforcing proper patent protection for said inventions and for vesting title to said inventions and all applications for patents or related foreign rights and all patents on said inventions, in said Assignee, its successors, assigns and legal representatives; and

Covenant with said Assignee, its successors, assigns and legal representatives that no assignment, grant, mortgage, license or other agreement affecting the rights and property herein conveyed has been made to others by the undersigned, and that full right to convey the same as herein expressed is possessed by the undersigned.

	Douglas A. Lappi	[L.S.]
Date: <u>6/17/98</u>		
Witness: Denise Skygens		
Denise Higgins	-	
1600 Faraday Avenue	<del>-</del>	
Cartsbad, CA 92008		
Date: June 18,1998 Witness: Rodin EWare	Ronald G. Wiley	[L.S.]
Witness: Koden & Ware	v	
ROBINE. WARE		
1310 24 TH AVE. Sustin		
NASHVILLE, TN 37212		

**PATENT** REEL: 9284 FRAME: 0773 .]